

Gap fraction

Gap fraction vs  $\#\overline{P}_T$  for  $4.0 < |\Delta y| < 5.0$ , Fwd/Bwd

- ATLAS
- ▲ Pythia 8.315 default
- Pythia 8.315 tune-2c
- Pythia 8.315 tune-2m

1  
0.8  
0.6  
0.4  
0.2  
0

(ATLAS\_2011\_I917526)

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2  
1  
0.52  
1  
0.5

100

200

300

 $\#\overline{P}_T$  [GeV]